IAEA

Technical Meeting on

Nuclear Data for Antineutrino Spectra and their Applications

23 - 26 April 2019
IAEA, Vienna
Meeting Room M5, Bldg. M

Preliminary AGENDA

Tuesday, 23 April

13:00 – 14:00	**Registration (IAEA Registration Desk, Gate 1)**
14:00 – 14:30	**Opening Session**
	Welcoming address Introduction (15´) Administrative matters Election of Chairman and Rapporteur Adoption of the Agenda
14:30 – 18:10	**Participants' Presentations**
14:30 – 15:10	C. Jollet, *CENBG / FR*
15:10 – 15:30	B. Littlejohn, *Ilinois Inst. of Technology / USA*
15:30 – 15:50	L. Zhan, *IHEP / CPR*
15:50 – 16:20	*Coffee break*
16:20 – 16:50	S.-B. Kim, *Seoul National Univ./ ROK*
16:50 -17:20	J. Cao, *IHEP / CPR*
17:20 – 17:40	Y. Li, *IHEP / CPR*
17:40 – 18:10	J. Link, *Virginia Tech. / USA*

Wednesday, 24 April

09:00 – 17:30	**Participants' Presentations (**cont'd)
09:00 – 09:30	S.-H. Seo, *IBS / ROK*
09:30 – 10:00	A. Vacheret, *Imperial College / UK*
10:00 – 10:30	D. Svirida, *ITEP / RU*
10:30 – 11:00	*Coffee break*
11:00 – 11:30	K. Heeger, *Yale Univ. / USA*
11:30 – 12:00	N. Bowden, *LLNL / USA*
12:00 – 12:30	Y. Efremenko, *Tennessee Univ. / USA*
12:30 – 14:00	*Lunch*

14:00 – 14:30	P. Huber, *Virginia Tech. / USA*
14:30 – 15:00	A. Hayes-Sterbenz, *LANL / USA*
15:00 – 15:30	L. Hayen, *Leuven Univ. / BEL*
15:30 – 16:00	*Coffee break*
16:00 – 16:30	T. Yoshida, *Tokyo Inst. Technology / JP*
16:30 – 17:00	M. Fallot, *Subatech / FR*
17:00 – 17:30	A. Sonzogni, *BNL / USA*
19:00	***Dinner in a Restaurant (see separate information)***

Thursday, 25 April

09:00 – 12:45	**Participants' Presentations (**cont'd)
09:00 – 09:30	A. Algora, *IFIC Valencia Univ. / ES*
09:30 – 09:40	M. Wolinska, *Warsow Univ. / PL*
09:40 – 09:55	K. Rykaczewski, *ORNL / USA*
09:55 – 10:15	B. Rasco, *ORNL / USA*
10:15 – 10:45	*Coffee break*
10:45 – 11:15	F. Kondev, *ANL / USA*
11:15 – 11:45	K.-H. Schmidt, *DE*
11:45 – 12:15	T. Kawano, *LANL / USA*
12:15 – 12:45	M. Wittel, *RWTH Aachen / DE*
12:45 – 14:15	*Lunch*
14:15 – 16:00	**Round-table discussion**
16:00 – 16:30	*Coffee break*
16:30 – 18:30	**Round-table discussion (**cont'd)

Friday, 26 April

09:00 – 10:30	**Round-table discussion (**cont'd)
10:30 – 11:00	*Coffee break*
11:00 – 12:30	**Round-table discussion (**cont'd)
12:30 – 14:00	*Lunch*
14:00 – 16:00	**Round-table discussion / Drafting of recommendations**
16:00	**Closing of the meeting**

Round-table Moderators: K. Heeger, P. Huber, A. Sonzogni

Topics:
Neutrino experiments: anomalies and sterile hypothesis; uncertainties-systematic-non-linearity; short vs long-baseline exps; agreement and discrepancies;
Conversion method: uncertainties of integral beta spectra; impact of forbidden transitions; impact of weak magnetism; recommendations for uncertainties; corrections; new measurements.
Summation method: impact of latest decay data measurements; uncertainties from experiment and theory; uncertainties in TAGS data; evaluated nuclear data libraries;
Reactor monitoring: data needs and perspectives.
Data curation and preservation.
Conclusions: long-baseline and short-baseline experiments; neutrino anomalies and sterile hypothesis; conversion vs summation method; new experimental data needs; nuclear data needs;
Recommendations: what needs to be done? Next meeting.